



STDN DAILY REPORT
FOR GMT DAYS
25, 26 AND 27 JUNE , 2001

Part I. Operations

25 JUNE

A. SN Anomalies - None.

B. ISS Anomalies - None.

C. GN Anomalies:

1. AGS/FAST Support

25/0006-0025Z

The LEO-T ended it's support of FAST early. The support ended (as per the LEO-T pass log) at 176/00:06:47Z. If this was what was scheduled in the LEO-T, it differed from what was on the hard copy of the schedule for LEO-T supports. This was a PCL support so all the down link data was recorded at TOTS for the entire scheduled support. This data was played back post pass from tape and shipped to the Project. NO Loss Of DATA. The LEO-T system was rebooted post pass and the system check out was performed. This was completed at 176/01:35Z. No problems were noted on the following support. CDS 19079

REASON UNKNOWN

LEO-T 18 Mins 13 Seconds Data Loss Recoverable

2.WGS/FUSE Support

25/0200-0209Z

The System had a memory segmentation fault which resulted in a core dump. The system would not respond to any commands and had to be re-booted. Attempts to re-boot have failed, system will

not load groundb.lis file, without this file loaded the LEO-T will not operate. This also effected the events scheduled at 0345Z, 0531Z 0718Z. However the project was notified after the first pass so they could obtain support from another station. CDS # 19080

STATION EQUIPMENT

LEO-T 9 Mins Data Loss Recoverable Unknown

3. WGS/SNO Support

25/1622-1634Z

Station Equipment LEO-T red, SNO support was moved to TOTS but the operator was not informed of the change and the entire support was missed. CDS ID # 19084

OPERATOR ERROR

TOTS 1622-1634Z 12 Min. Svc/Data Loss (Recov)

26 JUNE

A. SN Anomalies - None.

B. ISS Anomalies - None.

C. GN Anomalies:

1. AGS/TRACE Support

26/1203-1205Z

Momentary LOS during support due to antenna tracking errors. Had AOS for this support at 177/115647Z and go for command at 177/115740Z. At 177/120301Z the antenna dropped to negative elevation causing LOS, autotrack was disengaged, but when the antenna came back up to the correct elevation, it was swinging back and forth in azimuth. On the ACC NB Servo was selected in azimuth which arrested the swinging, but this placed the antenna back in autotrack which once again caused the antenna to drop to negative elevation. Autotrack was once again disengaged and this time with NB server selected and autotrack disengaged the satellite was reacquired at 177/120426Z. Once positive AOS

was achieved the operator reengage autotrack, but the antenna immediately drove to negative elevation causing LOS at 177/120447Z, autotrack was again disengaged and the satellite was acquired again at 177/120509Z. The remainder of the support was taken in program track. CDS ID # 19088

REASON UNKNOWN

TOTS-1 1157-1206Z 1 Min. 47 Sec. Svc/Data Loss (Non-Recov)

2. WGS/IP3 Support

26/1533-1545Z

Antenna did not go to IP. During pre-pass Antenna was commanded to 1.3 degree in elevation but it stopped at 8.5 degrees. After the spacecraft elevation came above 8.5 degrees in elevation the antenna began to track. CDS ID # 19090

REASON UNKNOWN

11M 1733-1745Z 12 Min. Service loss (No data loss declared.)

3. SGS/TERRA Support

26/1711-1723Z

When Terra MOC send the command for dumping 512K, we saw unstable lock on the 512 BS. Also unstable lock on 16K-I as well throughout the support. Monitoring on the PTP confirmed that data was not clean. Also the oscilloscope showed unstable 512. CDS ID # 19091

REASON UNKNOWN

11M 1711-1723Z Noisy 512kb data.

4. WGS/SEAWIFS Support

26/1738-1749Z

Following AOS on the S/C, the antenna went into autotrack. Antenna had an erratic track throughout the support causing dropouts in the data reason unknown. CDS ID # 19092

REASON UNKNOWN

11M 1736-1749Z 9 Min. 32 Sec. Svc/Data Loss (Recov)

D. NAM-552: Next Scheduled NOD Meeting issued.

E. SSI NUMBER 510 was Issued on 06/25/01.

27 JUNE

A. SN Anomalies:

1. XTE Support

27/2248-2309Z

XTE reported they were not receiving UPDs. XTE checked in house and NCC TM attempted to bring their site up three times with no avail. TTR # 23939

TDW SSA1F/R 20 Minutes Service Loss

B. ISS Anomalies - None.

C. GN Anomalies

1. SGS/EO-1 Support

27/1717-1731Z

EO1 reported no commands getting through to the S/C. Troubleshooting at the station and manual bypassing of the matrixes did not solve the problem. SGS saw commands entering the PTP, and also good uplink. CDS ID # 19095

REASON UNKNOWN

11M 1717-1731Z No commanding for entire support

Part II. Testing Anomalies

A. SN Test - None.

B. GN Test - None.

Part III. Equipment Status Changes - None.

\$ = Changed ETRO

** = New Items

Part IV. Scheduled Activities

SET-UP and EXECUTION OF THE HUBBLE SPACE TELESCOPE
28/1030-2359Z

PROJECT ANTENNA NUMBER 1 DATA FLOW
28/1400-1700Z

EDOS TDRS-8 LEVEL 6 BEAM ANGLE VERIFICATION Test
28/1400-1530Z

GNCC/PF1 AQUA GSIF TIGER TEAM DATA INTERFACE TEST
28/1600-1800Z

AQUA AGS GSIF TIGER TEAM DATA INTERFACE TEST NR. 2
28/1730-1900Z

TNOC/SKS AQUA GSIF TIGER TEAM DATA INTERFACE TEST
28/1830-2030Z

Part V. Launch Forecast Changes - None.